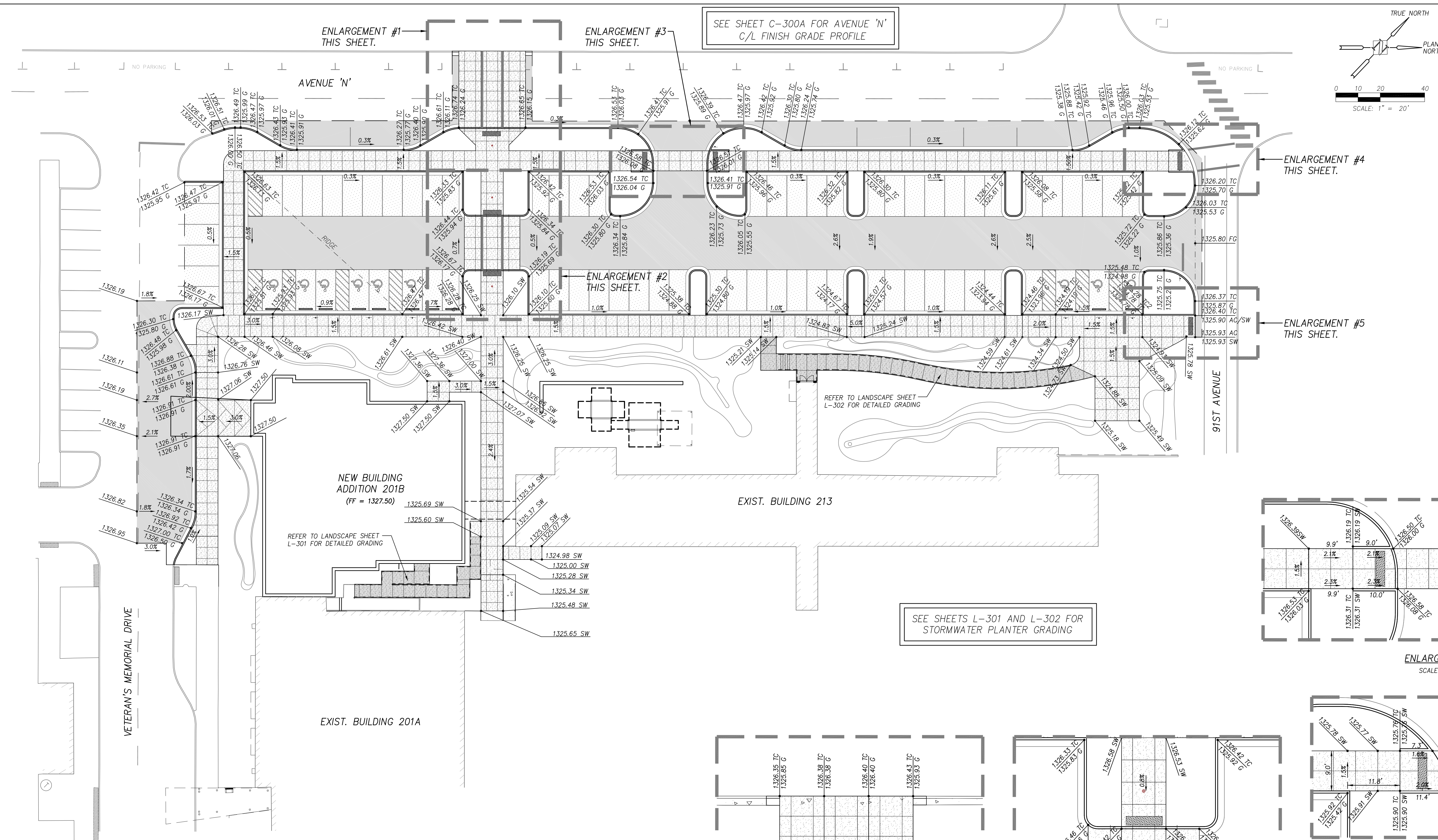
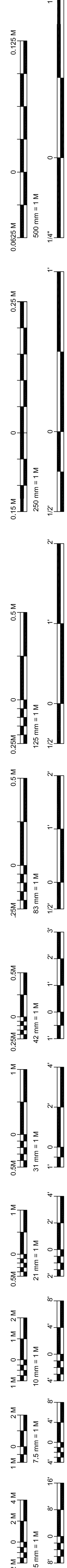



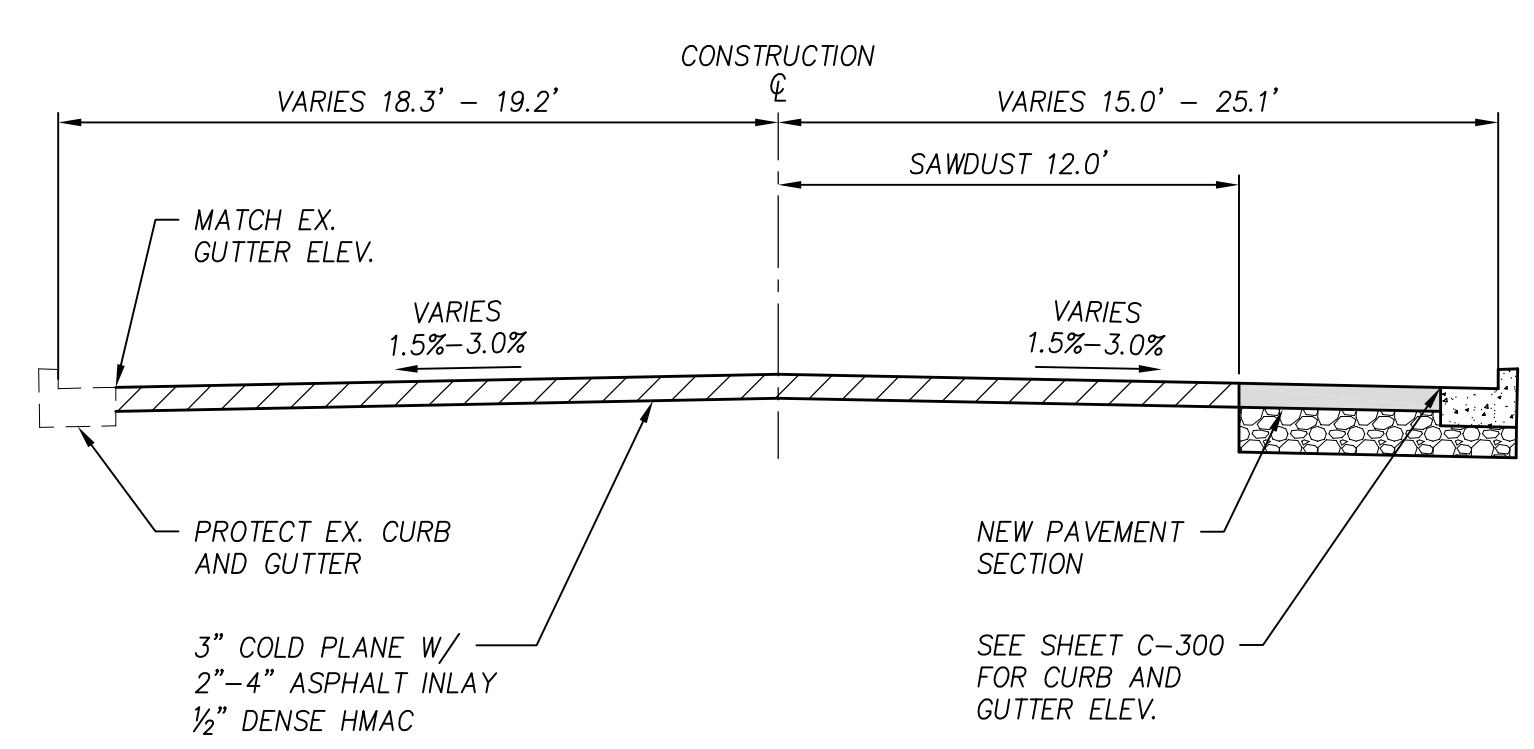
DEMOLITION NOTES:

- ① REMOVE EXISTING CATCH BASIN, CLEANOUT OR ROOF DRAIN. REFER TO UTILITY PLAN FOR MORE INFORMATION.
- ② REMOVE EXISTING STORM PIPE.
- ③ REMOVE EXISTING IRRIGATION METER, BOX, VALVE OR WATER SPIGOT. REFER TO UTILITY PLAN FOR MORE INFORMATION.
- ④ REMOVE EXISTING SIGN.
- ⑤ REMOVE EXISTING CURB STOP.
- ⑥ REMOVE EXISTING CONCRETE SIDEWALK.
- ⑦ REMOVE EXISTING CURB AND GUTTER.
- ⑧ REMOVE EXISTING PAVEMENT.
- ⑨ REMOVE EXISTING BUILDING.
- ⑩ REMOVE EXISTING HANDRAIL.
- ⑪ REMOVE EXISTING CONCRETE.
- ⑫ REMOVE EXISTING TREE, SHRUB OR BUSH.
- ⑬ REMOVE EXISTING WALL.
- ⑭ PLOT EXISTING SANITARY SEWER PIPE. CONTRACTOR TO PROVIDE A SHORING PLAN FOR CONSTRUCTION OF BASEMENT FOUNDATION.
- ⑮ REMOVE EXISTING PAVEMENT MARKINGS AND STRIPING.
- ⑯ REMOVE EXISTING LIGHT POLE, POWER BOX AND CONCRETE BASE. REFER TO UTILITY PLAN FOR MORE INFORMATION.
- ⑰ REMOVE EXISTING FIRE DEPARTMENT CONNECTION. REFER TO UTILITY PLAN FOR MORE INFORMATION.
- ⑱ REMOVE EXISTING HEAT PUMP.
- ⑲ REMOVE EXISTING CONCRETE, COVER AND PICNIC TABLE.
- ⑳ REMOVE EXISTING SPEED HUMP.

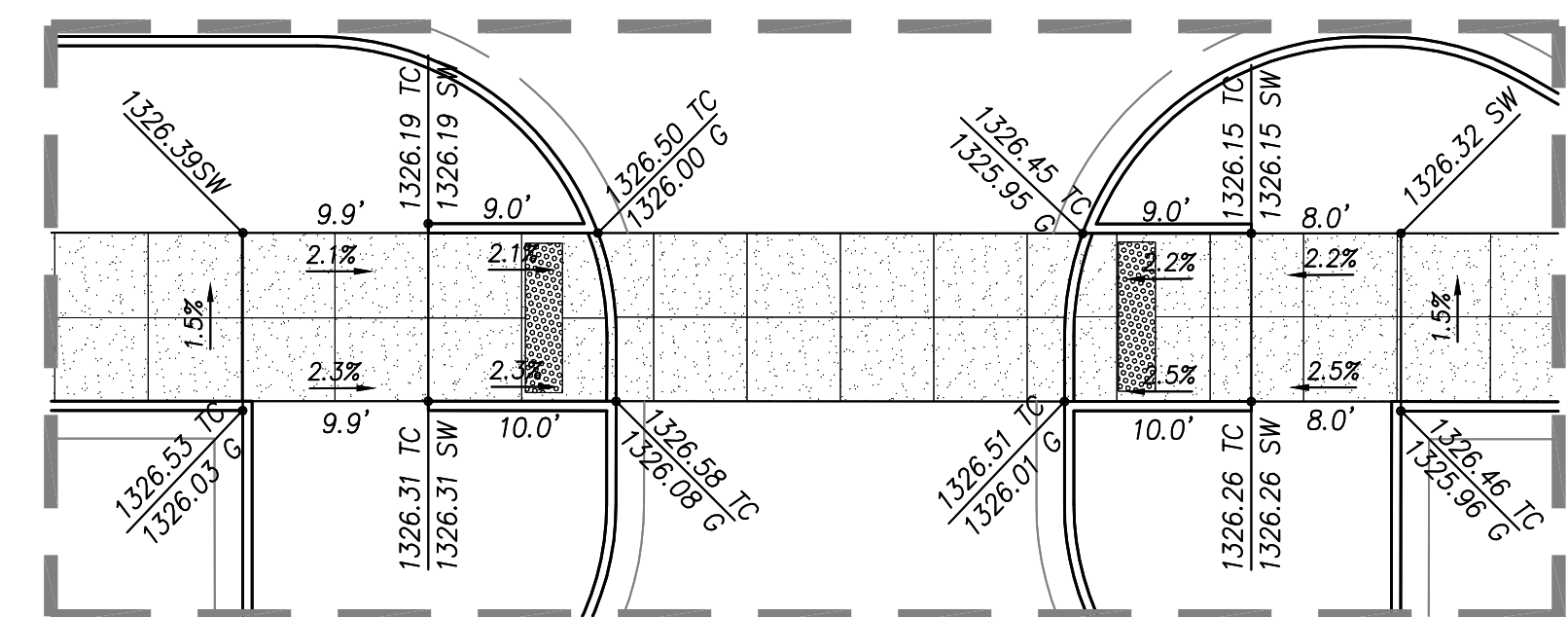
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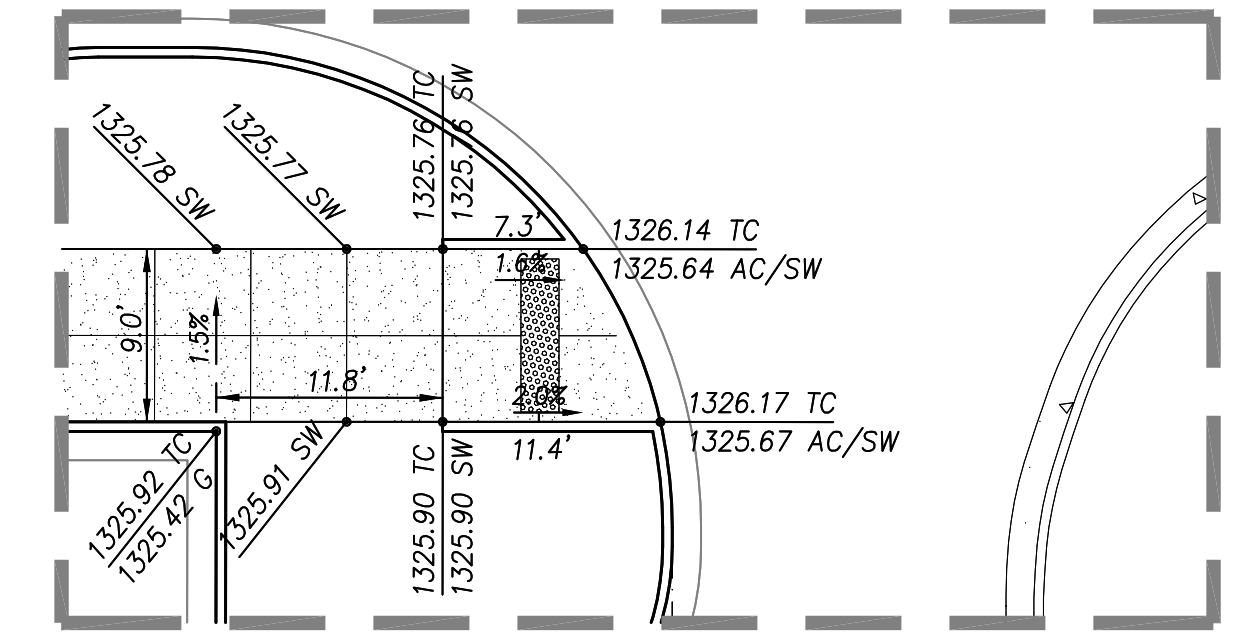
**Harper Houf Peterson Righellis Inc.**
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
305 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171



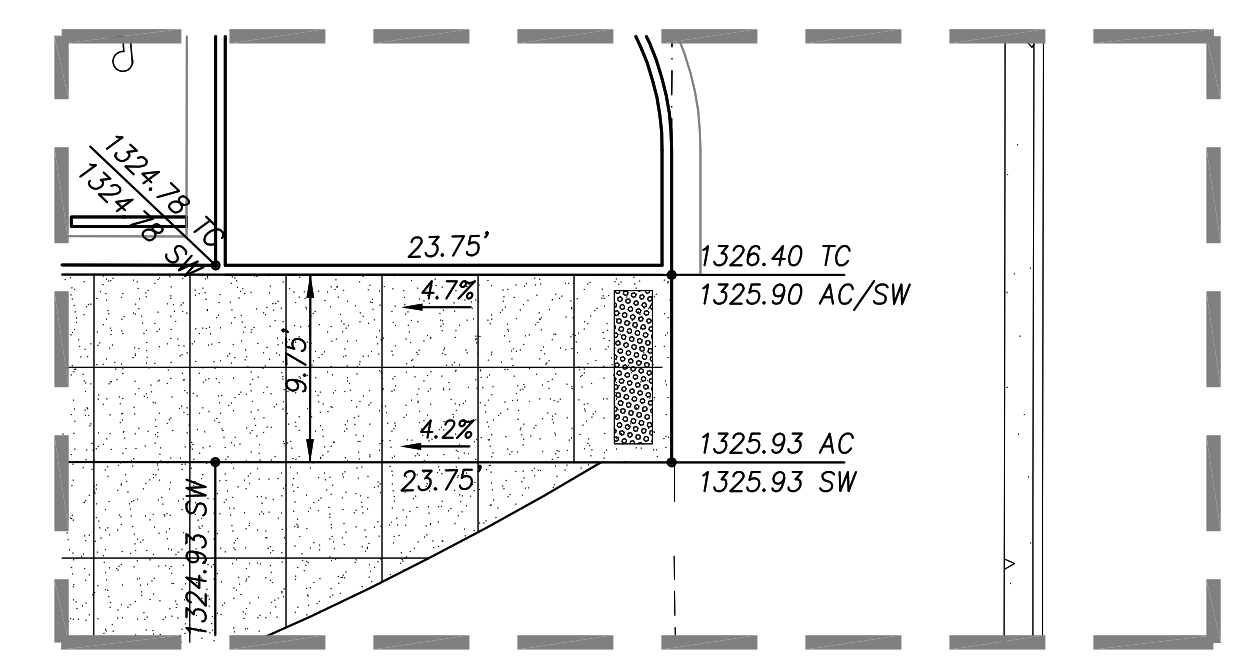
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(LOOKING NORTH)
N.T.S.



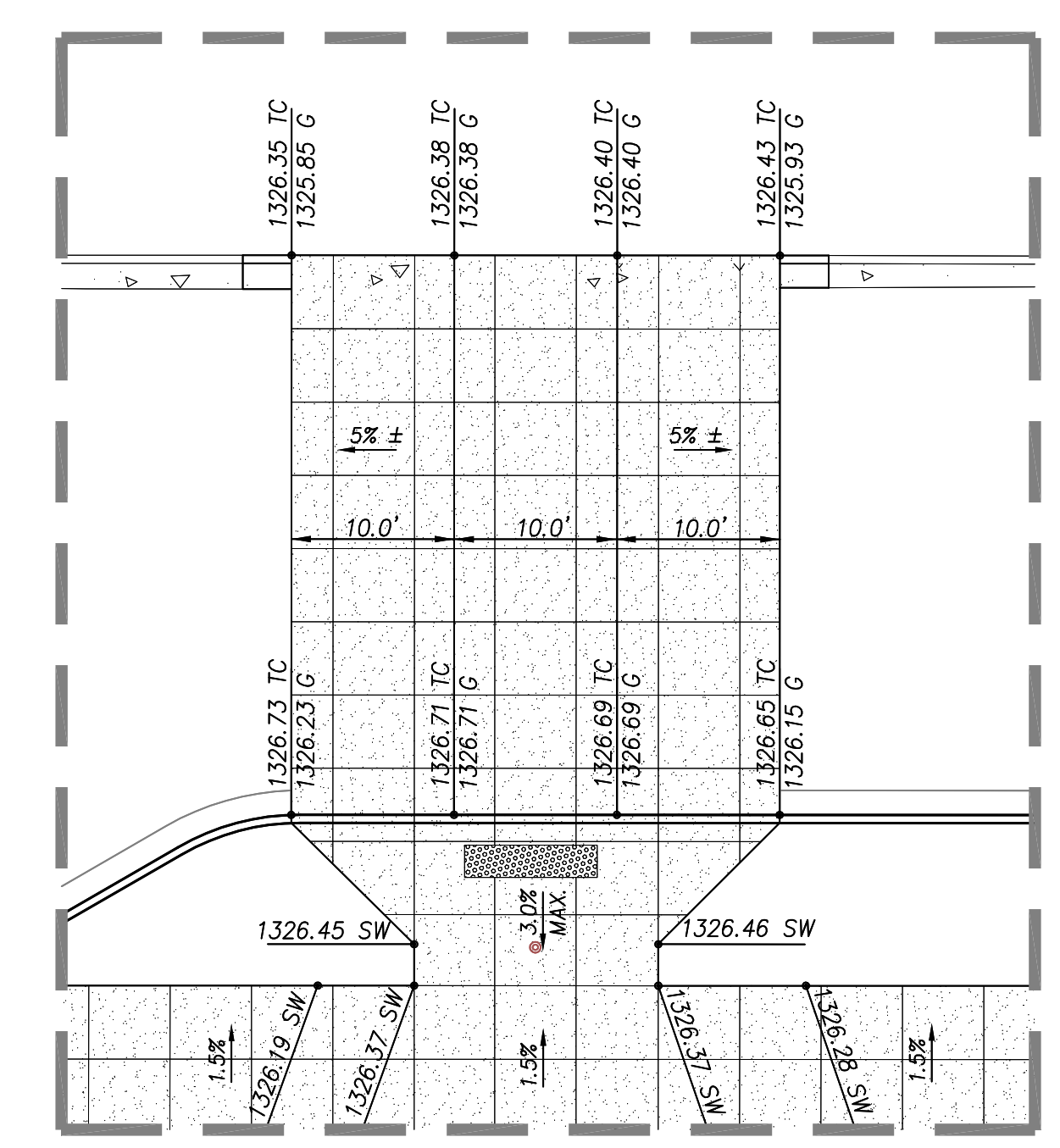
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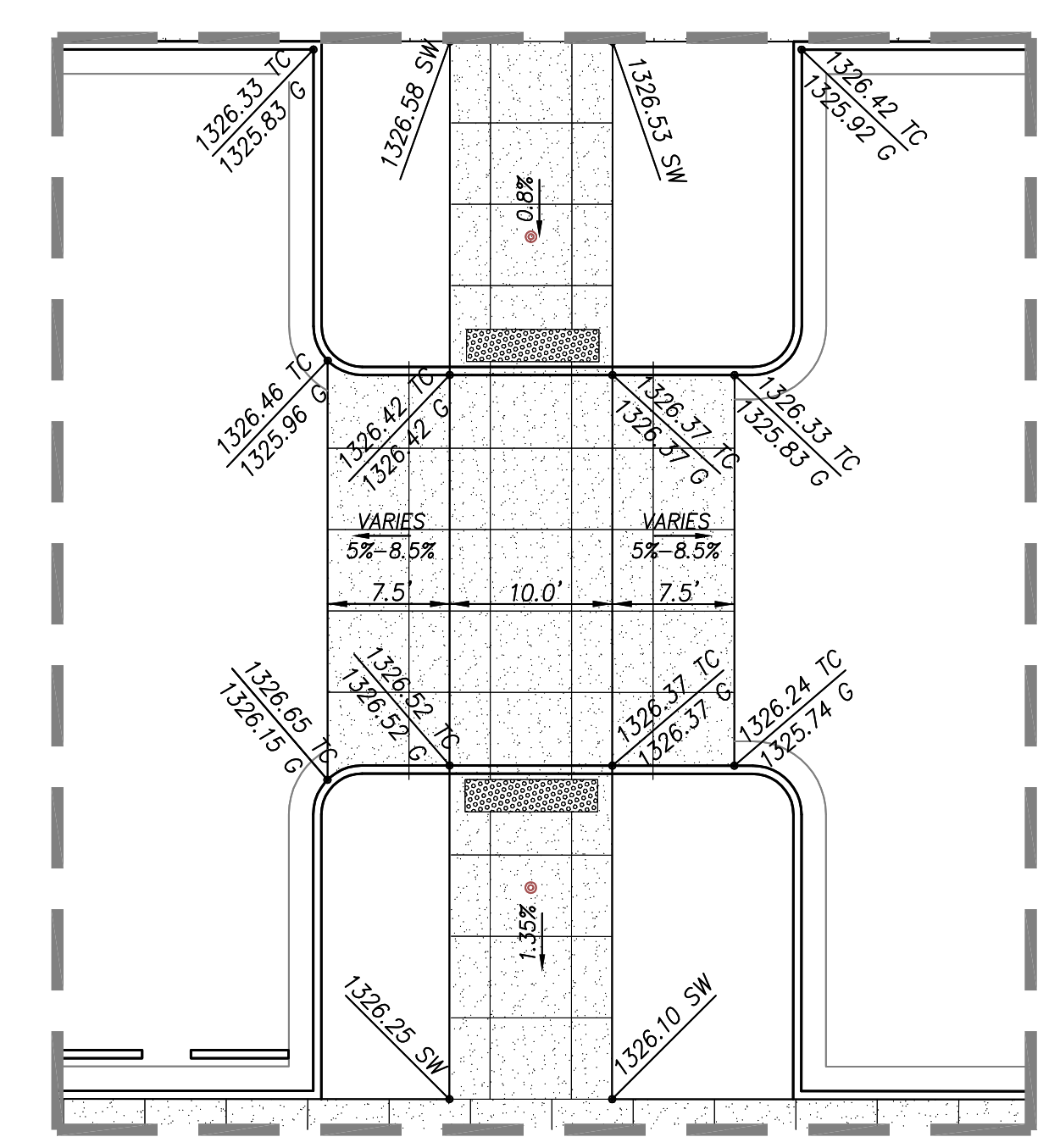
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ENLARGEMENT #5
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ENLARGEMENT #1
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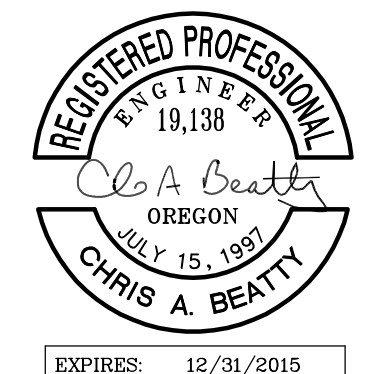
ENLARGEMENT #2
SCALE: 1" = 10'

PKA-16

Revisions	Date



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6969 SW Hampton Street
Portland, OR 97223
phone: 503-968-6800
fax: 503-968-6860
www.pkaarchitects.com



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SOUTHERN OREGON REHABILITATION CENTER & CLINICS
8495 CRATER LAKE HWY., WHITE CITY, OREGON
97503-3012


Drawing Title
**GRADING PLAN
Final Set**

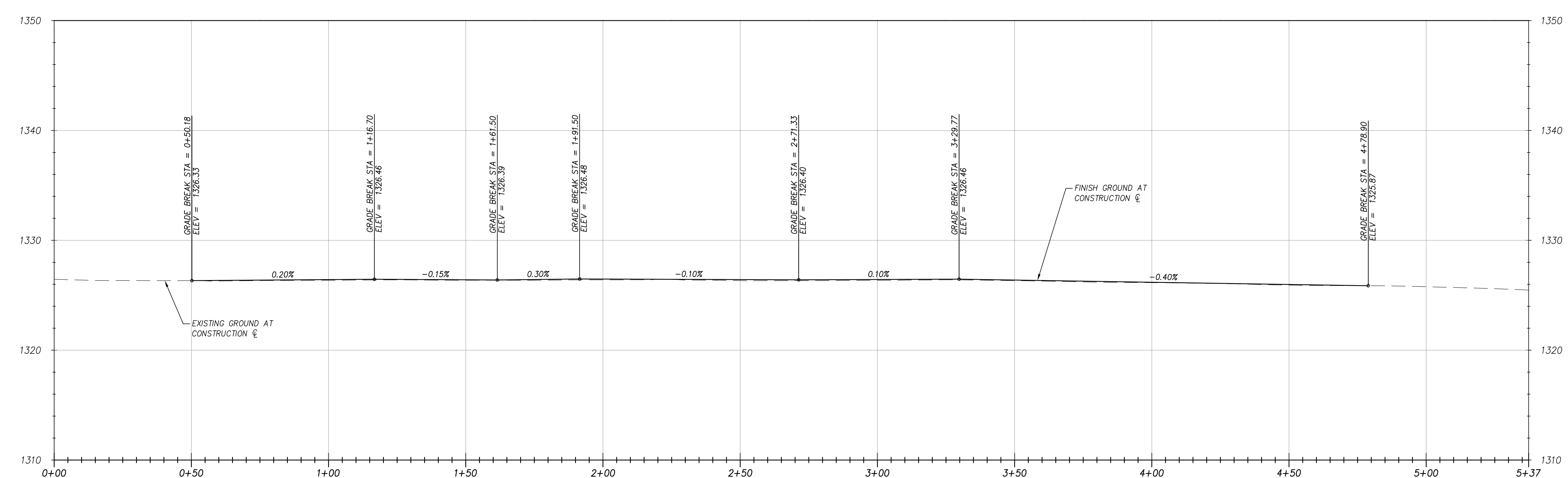
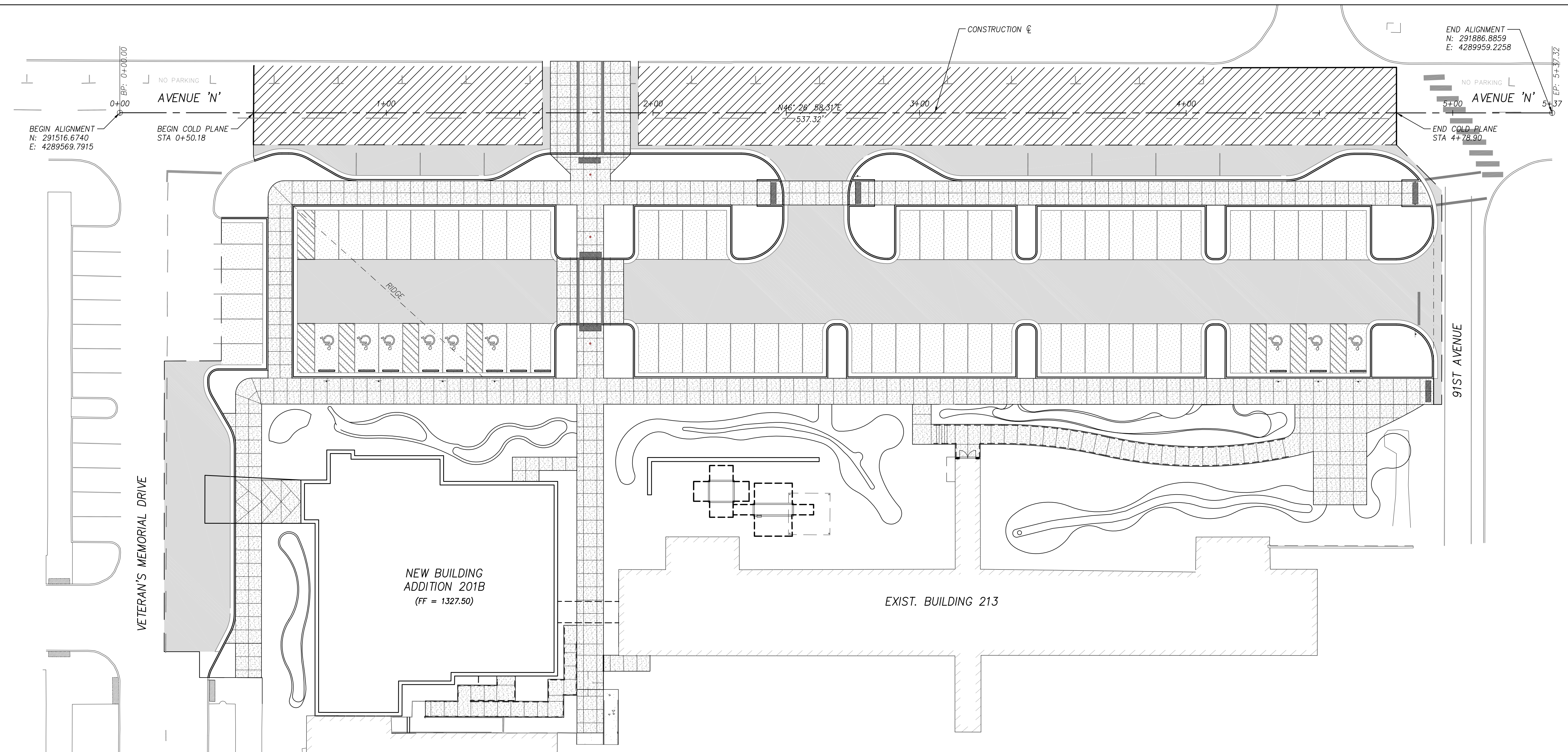
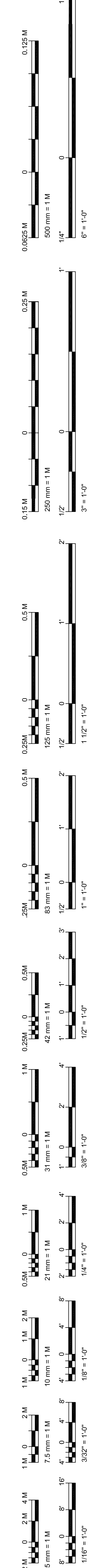
Approved: Proj Eng	Approved: Infect Cont	Approved: Chief P&O	Approved: Chief M&R	Approved: Safety Mgr.
Approved: Service Chief	Approved: Chief Facilities Mgmt	Approved: VAMC Director		

**SPECIALTY CARE
BUILDING - 201B**

Building No.	Chkd By/Proj Mgr	Drawn By
Specialty Care Building	CAB	HHPR TEAM
Location	JACKSON COUNTY, OREGON	

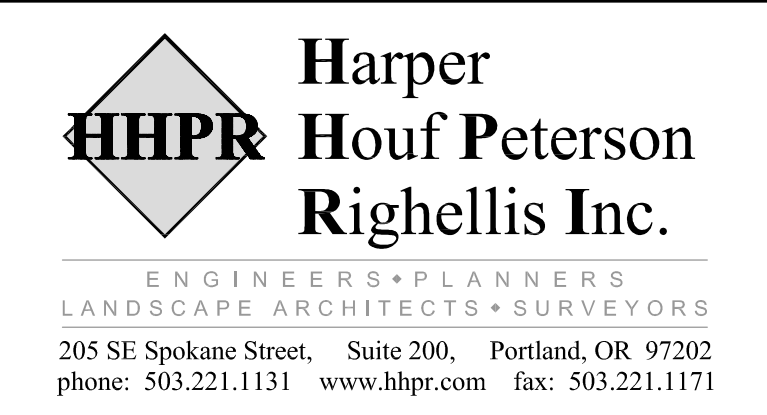
Date	27 November 2015
Project No.	131207
Drawing No.	C-300
Dwg. of	









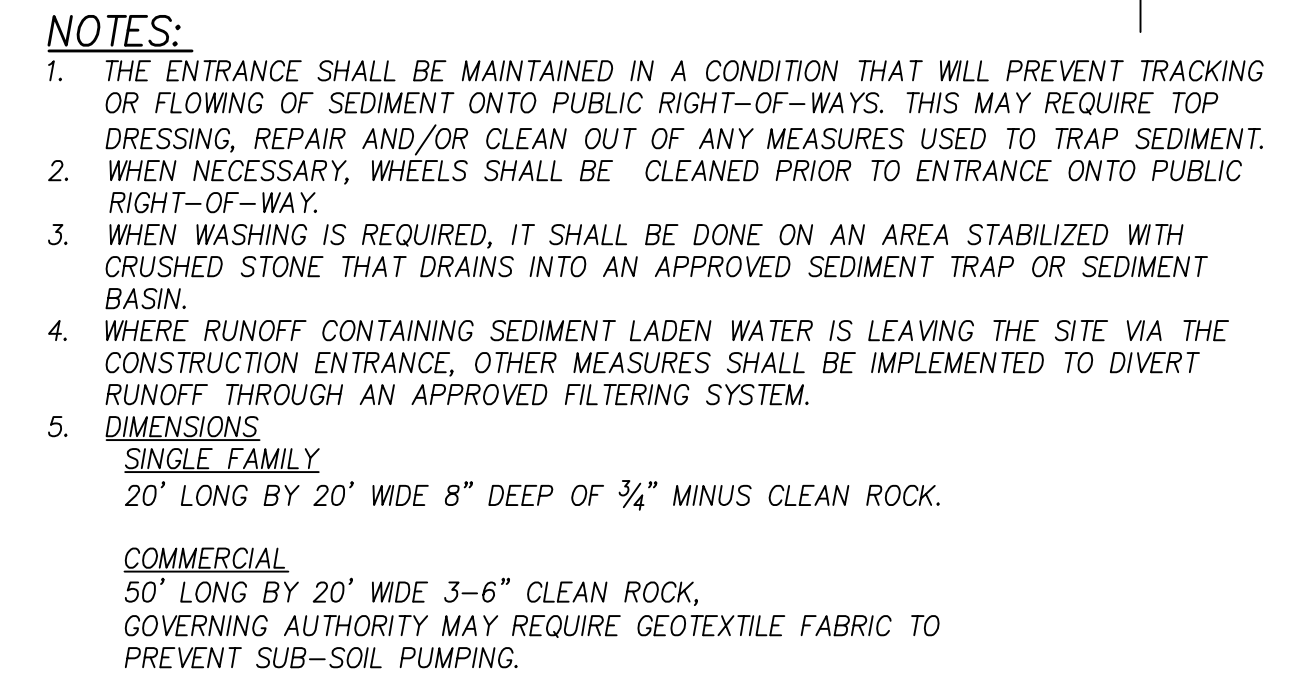
AVENUE 'N' CENTERLINE PROFILE
SCALE: 1" = 20' (H)
1" = 5' (V)

PKA-16 Revisions Date	pka ARCHITECTS PETERSEN KOLBERG & ASSOCIATES ARCHITECTS/PLANNERS 6969 SW Hampton Street Portland, OR 97223 phone: 503-968-6800 fax: 503-968-6860 www.pkaarchitects.com		 DEPARTMENT OF VETERANS AFFAIRS SOUTHERN OREGON REHABILITATION CENTER & CLINICS 8495 CRATER LAKE HWY, WHITE CITY, OREGON 97503-3012	Drawing Title AVENUE 'N' C/L PROFILE Final Set	SPECIALTY CARE BUILDING - 201B		Date 27 November 2015
				Approved: Proj Eng Approved: Infect Cont Approved: Chief P&O Approved: Chief M&R Approved: Safety Mgr. Approved: Service Chief Approved: Chief Facilities Mgmt Approved: VAMC Director	Building No. Specialty Care Building Chkd By/Proj Mgr CAB Drawn By HPR TEAM Location JACKSON COUNTY, OREGON	Project No. 131207 Drawing No. C-300A Dwg. of	



- ### *EROSION CONTROL LEGEND*
- | | |
|---|------------------------------|
|  | INLET PROTECTION SILK SACK |
|  | INLET PROTECTION BIO-BAG |
|  | CONSTRUCTION ENTRANCE |
|  | CONCRETE TRUCK WASHOUT BASIN |

CONCRETE TRUCK WASHOUT BASIN
N.T.S.



CONSTRUCTION ENTRANCE
N.T.S.



INLET PROTECTION – SILT SACK
N.T.S.

[illegible]

Date	27 November 2015
Project No.	131207
Drawing No.	C-301
Dwg.	of





ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYOR

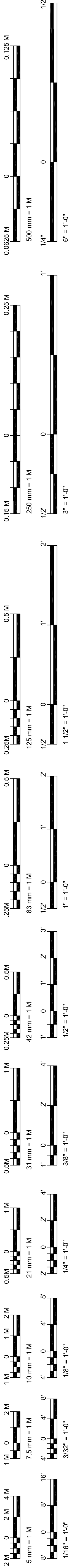
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1131

1. OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
2. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELINEATED IN THE FIELD. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE IS PERMITTED TO ANY OF THE CLEARLY DELINEATED AREAS. VEGETATED AREAS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FENCE OR APPROVED EQUIV.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES THAT MUST BE INSTALLED ARE A GRAVEL CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INLET PROTECTION. THESE BMP'S MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED TO LATER THAN SEPTEMBER 1. THE TYPE AND PERCENTAGES OF SEED IN THE MIX MUST BE IDENTIFIED ON THE PLANS.
5. NOT USED.
6. ALL EROSION CONTROL MEASURES MUST BE KEPT ON TOP. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT OR SEDIMENT LADEN WATER DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.
7. THE FOLLOWING MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. THESE MEASURES SHALL BE UPGRADED AS NECESSARY TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION CONTROL REGULATIONS. CHANGES TO THE APPROVED EROSION PLAN MUST BE SUBMITTED TO THE DISTRICT ENGINEER IN THE FORM OF AN ACTION PLAN TO GO PERMITS 1200 C PERMIT.
8. IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMP'S MUST BE USED WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MULCHING, OR OTHER EROSION CONTROL MEASURES.
9. ALL EXPOSED SOILS MUST BE COVERED DURING THE WET WEATHER PERIOD.

1. HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INFORMS THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (SCHEDULE A.8.C.I.(3))
2. ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS.
3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS.
4. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO THE AGENT, OR THE LOCAL MUNICIPALITY, DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION. (SCHEDULE B.2.A)
5. ALL PERMIT REGISTRANTS MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE ESCP MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SCHEDULE A.8.A)
6. THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE COESENT, OR THE LOCAL MUNICIPALITY, DURING CONSTRUCTION. THESE MEASURES AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS. (SCHEDULE A.8.C.I.(1)(C))
7. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIAL CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT. (SCHEDULE A.12.C.III)
8. PHASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SCHEDULE A.8.C.II.(1)(D))
9. IDENTIFY, MARK, AND PROTECT (BY FENCING OFF OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND SENSITIVE AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SCHEDULE A.8.C.I.(1) & (2))
10. PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS RE-VEGETATE OPEN AREAS WHEN PRACTICAL BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SCHEDULE A.7.B.III.(1) & A.7.B.III.(3))
11. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM DRAIN INLETS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS. (SCHEDULE A.7.D.I. AND A.8.C)
12. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SCHEDULE A.8.C.I.(6))
13. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS. (SCHEDULE A.8.C.II.(2))
14. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SCHEDULE A.8.C.I.(7))
15. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPs SUCH AS: (1) GRAVEL OR PAVED EXITS AND PARKING AREAS, (2) UNPAVED AREAS LOCATED ONSITE, OR (3) USE OF AN EXIT TIRE WASH. THESE BMPs MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. (SCHEDULE A.7.D.II.(1) AND A.8.C.I.(4))
16. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SCHEDULE A.7.D.II.(3))
17. USE BMPs TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS, VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING OPERATIONS; AND OTHER NON-CONSTRUCTION ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS. (SCHEDULE A.7.E.I.(2))

SITE CONDITION	MINIMUM FREQUENCY
1. ACTIVE PERIOD	<p>DAILY WHEN STORM WATER RUNOFF, INCLUDING RUNOFF FROM STORM MELT, IS OCCURRING.</p> <p>AT LEAST ONCE EVERY TWO (2) WEEKS REGARDLESS OF WHETHER STORM WATER RUNOFF IS OCCURRING.</p>
2. PRIOR TO THE SITE BECOMING INACTIVE IN ANTICIPATION OF SITE INACCESSIBILITY.	<p>ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING THE SITE</p>
3. INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS.	ONCE EVERY TWO (2) WEEKS.
4. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER.	IF PRACTICAL, INSPECTION MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION.

18. IMPLEMENT THE FOLLOWING BMPs WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES, EXERCISE CAUTION WHEN LOADING, DELIVERY, AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (SCHEDULE 7.A.II.1)
19. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SCHEDULE 7.A.II.2)
20. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERFARIPARIAN ZONE. (SCHEDULE 8.A.III.1)
21. IF A STORMWATER TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS USED, A SUBMITTAL OF A MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSED DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN PLAN APPROVAL BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SCHEDULE 8.A.IV)
22. TEMPORARILY STABILIZE THE SOILS AT THE END OF THE SHIFT BEFORE HOURS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SCHEDULE 7.B)
23. AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPs MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SCHEDULE 7.E.II.(2))
24. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND DURING WET WEATHER. (SCHEDULE 4.A.II)
25. SEDIMENT FENCE REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SCHEDULE 4.A.C.I)
26. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT, AND BEFORE BMP REMOVAL (SCHEDULE 4.A.C.II)
27. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. TRENCHING SEDIMENT AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (SCHEDULE 4.A.C.III & IV)
28. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED, INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A REOCCURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIMEFRAME. (SCHEDULE 4.A.B.I)
29. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SCHEDULE 4.A.B.II)
30. THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR 30 DAYS OR MORE. (SCHEDULE 4.A.F.I)
31. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SCHEDULE 4.A.F.II)
32. PROVIDE PERMANENT EROSION CONTROL MEASURES ON ALL EXPOSED AREAS. DO NOT PERFORM TRENCHING, SEDIMENT CONTROL, PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. HOWEVER, DO REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AS EXPOSED AREAS BECOME STABILIZED, UNLESS DOING SO CONFLICTS WITH LOCAL REQUIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMPs. (SCHEDULE 4.A.B.III(2) AND 4.A.C.II)



PKA-16		
Revisions		Date

pka
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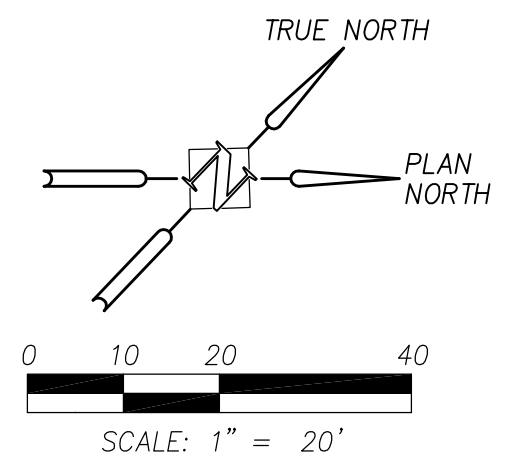
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97503-3012

Drawing Title					Date			
EROSION CONTROL NOTES Final Set					27 November 2015			
					Project No. 131207			
Approved: Proj Eng Approved: Infect Cont Approved: Chief P&O Approved: Chief M&R Approved: Safety Mgr.					Building No. Chkd By/Proj. Mgr. Drawn By Specialty Care Building CAB HHPR TEAM			
Approved: Service Chief Approved: Chief Facilities Mgmt Approved: VAMC Director					Location JACKSON COUNTY, OREGON			Drawing No. C-302 Dwg. of



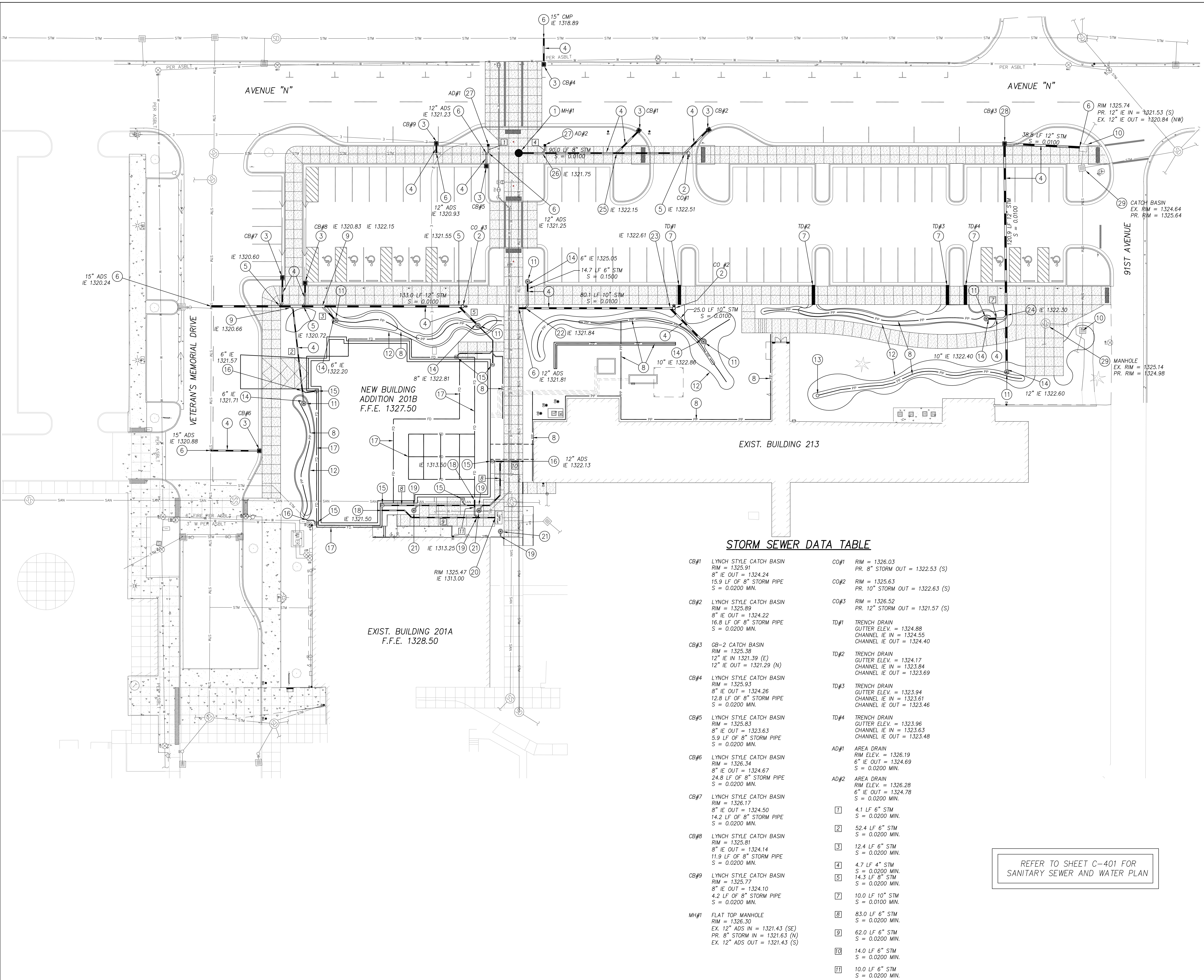
UTILITY LEGEND	
	SANITARY PIPE
	PERFORATED PIPE
	FOUNDATION DRAIN
	STORM PIPE
	SWALE
	WATER LINE
	CLEANOUT
	CATCH BASIN
	AREA DRAIN
	TRENCH DRAIN
	MANHOLE
	VALVE

- UTILITY NOTES:**
- INSTALL FLAT TOP STORM MANHOLE PER DETAIL ON SHEET C402. SEE STORM SEWER DATA TABLE ON THIS SHEET FOR INFORMATION.
 - INSTALL STORM SEWER CLEANOUT PER DETAIL ON SHEET C402. SEE STORM SEWER DATA TABLE ON THIS SHEET FOR INFORMATION.
 - INSTALL LYNCH CATCH BASIN PER DETAIL ON SHEET C402. SEE STORM SEWER DATA TABLE ON THIS SHEET FOR INFORMATION.
 - INSTALL STORM SEWER PIPE. REFER TO PLANS AND STORM SEWER DATA TABLE ON THIS SHEET FOR INFORMATION.
 - INSTALL 12" x 8" STORM SEWER WYE FITTING. REFER TO PLAN FOR INVERT ELEVATION.
 - CONNECT TO EXISTING STORM PIPE, MANHOLE, CLEANOUT OR CATCH BASIN PER DETAIL ON SHEET C402. REFER TO PLAN FOR CONNECTION DATA.
 - INSTALL TRENCH DRAIN PER DETAIL ON SHEET C402. SEE STORM SEWER DATA TABLE ON THIS SHEET FOR INFORMATION.
 - INSTALL PERFORATED STORM PIPE. REFER TO LANDSCAPE PLANS.
 - INSTALL 12" x 6" STORM SEWER WYE FITTING. REFER TO PLAN FOR INVERT ELEVATION.
 - PROTECT EXISTING CATCH BASIN AND PIPING.
 - INSTALL AREA DRAIN WITH DOME TOP. REFER TO LANDSCAPE PLANS
 - CONSTRUCT STORM DRAINAGE SWALE. REFER TO LANDSCAPE PLANS FOR GRADING AND SURFACING.
 - INSTALL STORM DRAINAGE CLEANOUT PER DETAIL ON SHEET C402. REFER TO LANDSCAPE PLANS FOR CLEANOUT DATA.
 - AREA DRAIN CONNECTION POINT. CONNECTION INVERT ELEVATION IS SHOWN ON THE PLANS. REFER TO LANDSCAPE PLANS FOR AREA DRAIN DATA.
 - ROOF DRAIN CONNECTION POINT AS SHOWN. INSTALL 4" OR 6" ROOF DRAIN PIPING AND BENDS (2% MIN.). REFER TO ARCHITECTURAL AND PLUMBING PLANS FOR INVERT DATA AND CONTINUATION.
 - CONNECT 4" ROOF DRAIN PIPING TO EXISTING PIPING. APPROXIMATE CONNECTION INVERT ELEVATION IS SHOWN ON THE PLAN. FIELD VERIFY CONNECTION INVERT ELEVATION WHERE NOT SHOWN ON THE PLAN.
 - FOUNDATION DRAIN PIPING. REFER TO ARCHITECTURAL PLANS FOR INFORMATION.
 - FOUNDATION DRAIN CONNECTION POINT TO STORM LINE. INVERT ELEVATION IS SHOWN ON THE PLAN.
 - INSTALL 6" x 6" STORM SEWER WYE FITTING. FIELD VERIFY CONNECTION ELEVATION TO EXISTING OR PROPOSED ROOF DRAIN PIPING.
 - CONNECT TO EXISTING SUMP PUMP VAULT WITH 6" STORM PIPE. INSTALL BACKWATER VALVE PER DETAIL ON SHEET C402. RIM AND CONNECTION INVERT ELEVATION IS SHOWN ON THE PLAN. COORDINATE FLOAT ADJUSTMENTS WITH MECHANICAL ENGINEER.
 - INSTALL AREA DRAIN. REFER TO LANDSCAPE PLANS.
 - INSTALL 10" x 6" STORM SEWER WYE FITTING. REFER TO PLAN FOR INVERT ELEVATION.
 - INSTALL 10" x 10" STORM SEWER WYE FITTING. REFER TO PLAN FOR INVERT ELEVATION.
 - INSTALL 12" x 10" STORM SEWER WYE FITTING. REFER TO PLAN FOR INVERT ELEVATION.
 - INSTALL 8" x 8" STORM SEWER WYE FITTING. REFER TO PLAN FOR INVERT ELEVATION.
 - INSTALL 8" x 6" STORM SEWER WYE FITTING. REFER TO PLAN FOR INVERT ELEVATION.
 - INSTALL AREA DRAIN PER DETAIL ON SHEET C402. SEE STORM SEWER DATA TABLE ON THIS SHEET FOR INFORMATION.
 - INSTALL CB-2 CATCH BASIN PER DETAIL ON SHEET C402. SEE STORM SEWER DATA TABLE ON THIS SHEET FOR INFORMATION.
 - ADJUST EXISTING STORM STRUCTURE TO FINISH GRADE. STRUCTURE TYPE, EXISTING RIM ELEVATION, AND PROPOSED RIM ELEVATION IS SHOWN ON THE PLAN.

STORM SEWER DATA TABLE

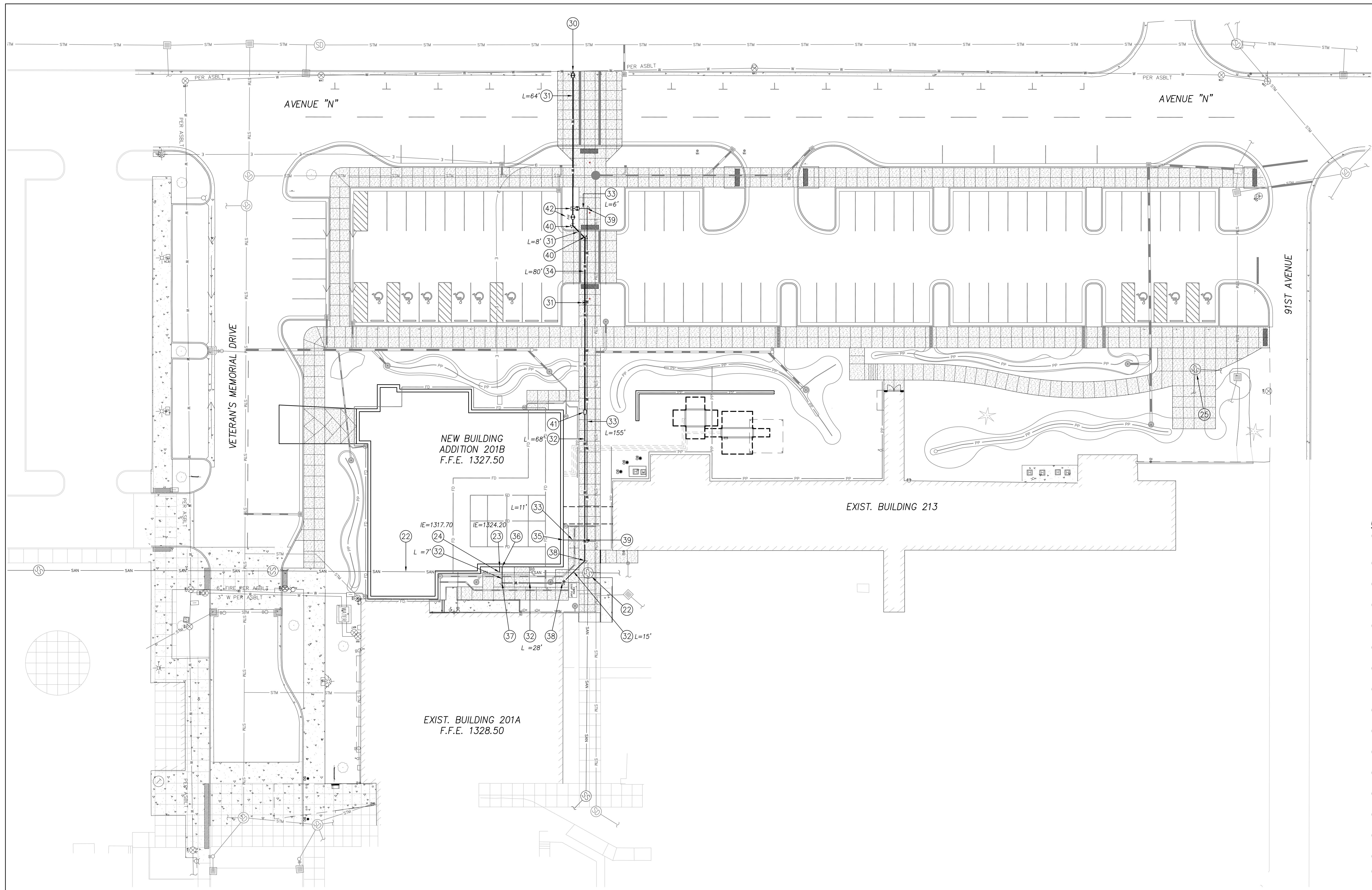
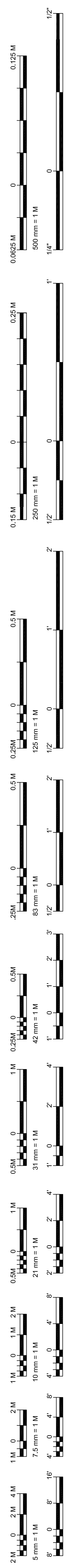
CB#1	LYNCH STYLE CATCH BASIN RIM = 1325.91 8" IE OUT = 1324.24 15.9 LF OF 8" STORM PIPE S = 0.0200 MIN.	CO#1	RIM = 1326.03 PR. 8" STORM OUT = 1322.53 (S)
CB#2	LYNCH STYLE CATCH BASIN RIM = 1325.89 8" IE OUT = 1324.22 16.8 LF OF 8" STORM PIPE S = 0.0200 MIN.	CO#2	RIM = 1325.63 PR. 10" STORM OUT = 1322.63 (S)
CB#3	CB-2 CATCH BASIN RIM = 1325.38 12" IE IN 1321.39 (E) 12" IE OUT = 1321.29 (N)	CO#3	RIM = 1326.52 PR. 12" STORM OUT = 1321.57 (S)
CB#4	LYNCH STYLE CATCH BASIN RIM = 1325.93 8" IE OUT = 1324.26 12.8 LF OF 8" STORM PIPE S = 0.0200 MIN.	TD#1	TRENCH DRAIN GUTTER ELEV. = 1324.88 CHANNEL IE IN = 1324.55 CHANNEL IE OUT = 1324.40
CB#5	LYNCH STYLE CATCH BASIN RIM = 1325.83 8" IE OUT = 1323.63 5.9 LF OF 8" STORM PIPE S = 0.0200 MIN.	TD#2	TRENCH DRAIN GUTTER ELEV. = 1324.17 CHANNEL IE IN = 1323.84 CHANNEL IE OUT = 1323.69
CB#6	LYNCH STYLE CATCH BASIN RIM = 1326.34 8" IE OUT = 1324.67 24.8 LF OF 8" STORM PIPE S = 0.0200 MIN.	TD#3	TRENCH DRAIN GUTTER ELEV. = 1323.94 CHANNEL IE IN = 1323.61 CHANNEL IE OUT = 1323.46
CB#7	LYNCH STYLE CATCH BASIN RIM = 1326.17 8" IE OUT = 1324.50 14.2 LF OF 8" STORM PIPE S = 0.0200 MIN.	TD#4	TRENCH DRAIN GUTTER ELEV. = 1323.96 CHANNEL IE IN = 1323.63 CHANNEL IE OUT = 1323.48
CB#8	LYNCH STYLE CATCH BASIN RIM = 1325.81 8" IE OUT = 1324.14 11.9 LF OF 8" STORM PIPE S = 0.0200 MIN.	AD#1	AREA DRAIN RIM ELEV. = 1326.19 6" IE OUT = 1324.69 S = 0.0200 MIN.
CB#9	LYNCH STYLE CATCH BASIN RIM = 1325.77 8" IE OUT = 1324.10 4.2 LF OF 8" STORM PIPE S = 0.0200 MIN.	AD#2	AREA DRAIN RIM ELEV. = 1326.28 6" IE OUT = 1324.78 S = 0.0200 MIN.
MH#1	FLAT TOP MANHOLE RIM = 1326.30 EX. 12" ADS IN = 1321.43 (SE) PR. 8" STORM IN = 1321.63 (N) EX. 12" ADS OUT = 1321.43 (S)	1	4.1 LF 6" STM S = 0.0200 MIN.
		2	52.4 LF 6" STM S = 0.0200 MIN.
		3	12.4 LF 6" STM S = 0.0200 MIN.
		4	4.7 LF 4" STM S = 0.0200 MIN.
		5	14.3 LF 8" STM S = 0.0200 MIN.
		7	10.0 LF 10" STM S = 0.0100 MIN.
		8	83.0 LF 6" STM S = 0.0200 MIN.
		9	62.0 LF 6" STM S = 0.0200 MIN.
		10	14.0 LF 6" STM S = 0.0200 MIN.
		11	10.0 LF 6" STM S = 0.0200 MIN.

REFER TO SHEET C-401 FOR
SANITARY SEWER AND WATER PLAN



PKA-16	Revisions	Date
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	<p>PETERSEN KOLBERG & ASSOCIATES ARCHITECTS+PLANNERS</p> <p>6969 SW Hampton Street Portland, OR 97223</p> <p>phone: 503-968-6800 fax: 503-968-6860 www.pkaarchitects.com</p>			<p>DEPARTMENT OF VETERANS AFFAIRS SOUTHERN OREGON REHABILITATION CENTER & CLINICS</p> <p>8495 CRATER LAKE HWY, WHITE CITY, OREGON 97503-3012</p>	<p>Drawing Title</p> <p>SITE STORM DRAINAGE PLAN Final Set</p> <table><tr><td>Approved: Proj Eng</td><td>Approved: Infect Cont</td><td>Approved: Chief P&O</td><td>Approved: Chief M&R</td><td>Approved: Safety Mgr.</td></tr><tr><td>Approved: Service Chief</td><td>Approved: Chief Facilities Mgmt</td><td>Approved: VAMC Director</td><td></td><td></td></tr></table>	Approved: Proj Eng	Approved: Infect Cont	Approved: Chief P&O	Approved: Chief M&R	Approved: Safety Mgr.	Approved: Service Chief	Approved: Chief Facilities Mgmt	Approved: VAMC Director			<p>SPECIALTY CARE BUILDING - 201B</p> <table><tr><td>Building No.</td><td>Chkd By/Proj Mgr</td><td>Drawn By</td></tr><tr><td>Specialty Care Building</td><td>CAB</td><td>HHPR TEAM</td></tr><tr><td>Location</td><td>JACKSON COUNTY, OREGON</td><td></td></tr></table>	Building No.	Chkd By/Proj Mgr	Drawn By	Specialty Care Building	CAB	HHPR TEAM	Location	JACKSON COUNTY, OREGON		<table><tr><td>Date</td><td>27 November 2015</td></tr><tr><td>Project No.</td><td>131207</td></tr><tr><td>Drawing No.</td><td>C-400</td></tr><tr><td>Dwg.</td><td>of</td></tr></table>	Date	27 November 2015	Project No.	131207	Drawing No.	C-400	Dwg.	of	
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TRUE NORTH
PLAN NORTH

0 10 20 40
SCALE: 1" = 20'

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UTILITY LEGEND	
	SANITARY PIPE
	PERFORATED PIPE
	FOUNDATION DRAIN
	STORM PIPE
	SWALE
	WATER LINE
	CLEANOUT
	CATCH BASIN
	AREA DRAIN
	TRENCH DRAIN
	MANHOLE
	VALVE

- UTILITY NOTES:**
- 22 PROTECT EXISTING SANITARY MANHOLE AND PIPING. CONTRACTOR TO SHORE AND SUPPORT EXISTING SEWER MAIN DURING CONSTRUCTION OF NEW BUILDING FOUNDATION.
 - 23 INSTALL 4" SANITARY SEWER SERVICE LATERAL. REFER TO MECHANICAL PLANS FOR CONTINUATION.
 - 24 CONNECT 4" SERVICE LATERAL TO EXISTING 12" SANITARY SEWER MAIN. REFER TO SERVICE DROP CONNECTION ON SHEET C402.
 - 25 ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE PER DETAIL ON SHEET C401. EX. RIM = 1325.14, PR. RIM = 1324.91
 - 30 CONNECT TO EXISTING 8" WATER MAIN WITH 8"x6" TAPPING SLEEVE AND 6" TAPPING VALVE.
 - 31 INSTALL 6" DUCTILE IRON, CLASS 52, WATER MAIN. LENGTH IS SHOWN ON THE PLAN.
 - 32 INSTALL 4" DUCTILE IRON, CLASS 52, WATER MAIN. LENGTH IS SHOWN ON THE PLAN.
 - 33 INSTALL 3" PVC, SCHEDULE 80, WATER MAIN. LENGTH IS SHOWN ON THE PLAN.
 - 34 INSTALL 6"x6" TEE (M&MJ). CAP SOUTH SIDE OF TEE FOR FUTURE CONNECTION.
 - 35 3" DOMESTIC WATER SERVICE CONNECTION. REFER TO MECHANICAL PLANS FOR CONTINUATION.
 - 36 4" FIRE SERVICE CONNECTION. REFER TO MECHANICAL PLANS FOR CONTINUATION.
 - 37 INSTALL 4" DUCTILE IRON 90 DEGREE BEND (M&MJ). PROVIDE THRUST BLOCKING PER DETAIL ON SHEET C402.
 - 38 INSTALL 4" DUCTILE IRON 45 DEGREE BEND (M&MJ). PROVIDE THRUST BLOCKING PER DETAIL ON SHEET C402.
 - 39 INSTALL 3" PVC, SCHEDULE 80, 90 DEGREE TEE (M&MJ). PROVIDE THRUST BLOCKING PER DETAIL ON SHEET C402.
 - 40 INSTALL 6" DUCTILE IRON 45 DEGREE BEND (M&MJ). PROVIDE THRUST BLOCKING PER DETAIL ON SHEET C402.
 - 41 INSTALL 6"x4" REDUCER (M&MJ).
 - 42 INSTALL 6"x3" TEE (M&MJLG). 2- 2' LONG 6" D.I. SPOOL PIECES. 1-6" POST-INDICATOR VALVE, 1-3" GATE VALVE (FLGMJ).

RESTRAIN ALL PIPE JOINTS
W/MEGALUG RETAINER GLANDS
AT BENDS, VALVES, AND FITTINGS

REFER TO SHEET C-400 FOR
STORM DRAINAGE PLAN

PKA-16		PETERSEN KOLBERG & ASSOCIATES ARCHITECTS/PLANNERS 6969 SW Hampton Street Portland, OR 97223 phone: 503-968-6800 fax: 503-968-6860 www.pkaarchitects.com			Drawing Title SITE SANITARY SEWER AND WATER PLAN Final Set	Date 27 November 2015																			
Revisions		Approved: Proj Eng		Approved: Infect Cont		Approved: Chief P&O		Approved: Chief M&R		Approved: Safety Mgr.		Building No. Specialty Care Building		Chkd By/Proj Mgr CAB		Drawn By HHPR TEAM		Project No. 131207		Drawing No. C-401		Location JACKSON COUNTY, OREGON		Dwg. of	

